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FROM: Mark DeLuca
SENDER'S PHONE: 215.665.5592
OF PAGES (INCLUDING COVER): 15
DATE: June 9, 2006
TIMEKEEPER NO.: 2299
SENDER'S FAX: 215.701.2027
FILE NAME: PANA0001-100
FILE #: 133955

RECIPIENT(S)	PHONE	FAX
Examiner Scott David Priebe USPTO, GAU 1633	571.272.0733	571.273.8300

MESSAGE:

PLEASE DELIVER TO EXAMINER SCOTT DAVID PRIEBE, GAU 1633

RE: U.S. APPLICATION NO. 09/753,892 - FILING DATE: January 3, 2001

ENCLOSED FOR FILING, PLEASE FIND:

- Transmittal Form (1 page)
- Fee Transmittal w/auth to Charge Deposit Acct.in duplicate (2 pages)
- Amendment(11 pages)

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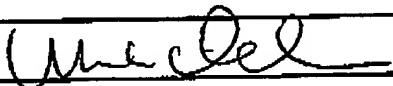
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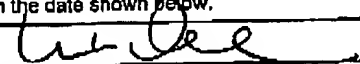
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/753,892
	Filing Date	January 3, 2001
	First Named Inventor	Leonid Yakubov
	Art Unit	1633
	Examiner Name	Scott David Priebe
Total Number of Pages In This Submission	Attorney Docket Number	PANA0001-100

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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): OFFICIAL FACSIMILE COVER SHEET
Remarks 		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm	Cozen O'Connor	
Signature		
Printed Name	Mark DeLuca	
Date	June 9, 2006	Reg. No. 33,229

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Mark DeLuca	Date	June 9, 2006

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**FEE TRANSMITTAL
for FY 2006**☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

Complete if Known

Application Number	09/753,892
Filing Date	January 3, 2001
First Named Inventor	Leonid Yakubov
Examiner Name	Scott David Priebe
Art Unit	1633
Attorney Docket No.	PANA0001-100

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Under 37 CFR 1.16 and 1.17☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee(\$)	Small Entity	Fee(\$)	Small Entity	Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee(\$)	Fee Paid (\$)
24	-20 or HP (39) =	0 x 0 =	0

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee(\$)	Fee Paid (\$)
3	-3 or HP (3) =	0 x 0 =	0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

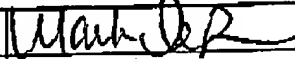
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	33,229	Telephone	215.665.5592
Name (Print/Type)	Mark DeLuca	Date	June 9, 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL
for FY 2006**☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

Complete if Known

Application Number	09/753,892
Filing Date	January 3, 2001
First Named Inventor	Leonid Yakubov
Examiner Name	Scott David Priebe
Art Unit	1633
Attorney Docket No.	PANA0001-100

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☒ Deposit Account Deposit Account Number: 50-1275 Deposit Account Name: Cozen O'Connor

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s)
Under 37 CFR 1.16 and 1.17☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissuc	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)

Small Entity Fee (\$)

Each independent claim over 3 (including Reissues)

50

25

Multiple dependent claims

200

100

Total Claims

24 -20 or HP (39) = 0 x 0 = 0

360

180

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims

3 -3 or HP (3) = 0 x 0 = 0

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims

Fee (\$)

Fee Paid (\$)

0

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	0

4. OTHER FEE(S)

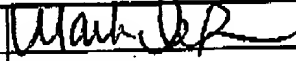
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : _____

Fees Paid (\$)

0

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	33,229	Telephone	215.665.5592
Name (Print/Type)	Mark DeLuca	Date	June 8, 2006		

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PANA0001-100 (formerly PANA-0002)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Leonid A. Yakubov

Serial No.: 09/753,892

Group Art Unit: 1633

Filed: January 3, 2001

Examiner: Scott David Priebe

Title: COMPOSITIONS COMPRISING GENOME SEGMENTS AND
METHODS OF USING THE SAME

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On June 9, 2006

Mark DeLuca, Regis. No. 33,229

AMENDMENT

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This amendment is being filed in response to the Office Action dated March 9, 2006. Please amend the above-referenced application as follows and consider the following remarks:

Amendments to the Claims are reflecting the listing of the claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.